

Preface

This volume contains the proceedings of the WALCOM 2016 (International Workshop on Algorithms and Computation), held in Kathmandu, Nepal, March 29–31, 2016.

This was the tenth edition of an international workshop that was held for the first time in 2007 in Dhaka, Bangladesh. Four editions (2008, 2010, 2012, and 2015) were also held in Dhaka, and four other editions were held in India: 2009 (Kolkata), 2011 (New Delhi), 2013 (Kharagpur), and 2014 (Chennai).

WALCOM has established itself as a fully refereed conference for theoretical computer science research in Asia. It has also strengthened the ties between local and international scientific communities. We believe that this volume reflects the breadth and depth of this interaction. We received 68 submissions from 170 different authors in 28 countries. Each paper was assigned to three Program Committee members: The committee selected 27 papers based on approximately 190 reviewer reports. In addition to these contributed presentations, the conference included four invited talks.

We thank all the authors who submitted papers, the members of the Program Committee and the external reviewers. We are also grateful to the four invited speakers, Sajal Das, Missouri University of Science and Technology – Rolla (USA), Costas S. Iliopoulos, King’s College London – London (UK), Giuseppe F. Italiano, University Tor Vergata – Rome (Italy), Giuseppe Persiano, University of Salerno – Fisciano (Italy), who kindly accepted our invitation to give plenary lectures at the workshop.

The assistance of many organizations and individuals was essential for the success of this meeting. We would like to thank all of our sponsors and supporting organizations and in particular Pramod Prodhan for taking the initiative of hosting it in scenic Nepal, Lena Sthapit of the Asian Institute of Technology and Management(AITM) and members of the Organizing Committee, AITM, KHIInt, and IT Professional Forum of Nepal for their support for WALCOM 2016. Moreover, we thank the IEICE Technical Committee on Theoretical Foundations of Computing (COMP) and the Special Interest Group for Algorithms (SIGAL) of the Information Processing Society of Japan (IPSJ) for their cooperation.

We finally would like to thank EasyChair for providing us with a very friendly environment for handling the contributions and editing the proceedings of WALCOM 2016.

January 2016

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<http://www.springer.com/978-3-319-30138-9>

WALCOM: Algorithms and Computation
10th International Workshop, WALCOM 2016,
Kathmandu, Nepal, March 29-31, 2016, Proceedings
Kaykobad, M.; Petreschi, R. (Eds.)
2016, XIX, 362 p. 82 illus. in color., Softcover
ISBN: 978-3-319-30138-9